

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail
 APR 29 2004

[Handwritten Signature]
**Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 02/24/2004

Patrick M Boucher
 Townsend and Townsend and Crew LLP
 8th Floor
 Two Embarcadero Center
 San Francisco, CA 94111-3834

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Nina L. McNeill	(Depositor's name)
<i>Nina L. McNeill</i>	(Signature)
April 27, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/658,158	09/08/2000	Samuel P. Weaver	19930-000500US	3287

TITLE OF INVENTION: LINEAR OPTICAL BEAM TRANSLATOR FOR OPTICAL ROUTING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	- \$665 <i>1330</i>	\$0	- \$665 <i>1330</i>	05/24/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
HEALY, BRIAN	2874	385-018000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Townsend and Townsend
 and Crew LLP
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

PTS Corporation

San Jose, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee

A check in the amount of the fee(s) is enclosed.

Publication Fee

Payment by credit card. Form PTO-2038 is attached.

Advance Order - # of Copies 10

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-1430 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) <i>Patrick M. Boucher</i>	(Date) <u>4/27/04</u>
Patrick M. Boucher (Reg. No. 44,037)	

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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04/30/2004 MBERHE1 00000088 201430 09658158

01 FC:1501 1330.00 DA
 02 FC:8001 30.00 DA

TRANSMIT THIS FORM WITH FEE(S)

FEE TRANSMITTAL for FY 2004

Note: Effective 10/01/2003. Patent fees are subject to annual revision.

APR 29 2004 *JCGA* *PATENT & TRADEMARK OFFICE*
Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1360)

Complete if Known

Application Number	09/658,158
Filing Date	September 8, 2000
First Named Inventor	Weaver, Samuel P.
Examiner Name	Healy, Brian
Art Unit	2874
Attorney Docket No.	019930-000500US

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims		Extra Claims	
Independent Claims			
Multiple Dependent		X	

Large Entity **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130		2051	65		Surcharge - late filing fee or oath	
1052	50		2052	25		Surcharge - late provisional filing fee or cover sheet	
1053	130		1053	130		Non-English specification	
1812	2,520		1812	2,520		For filing a request for reexamination	
1804	920*		1804	920*		Requesting publication of SIR prior to Examiner action	
1805	1,840*		1805	1,840*		Requesting publication of SIR after Examiner action	
1251	110		2251	55		Extension for reply within first month	
1252	420		2252	210		Extension for reply within second month	
1253	950		2253	475		Extension for reply within third month	
1254	1,480		2254	740		Extension for reply within fourth month	
1255	2,010		2255	1,005		Extension for reply within fifth month	
1401	330		2401	165		Notice of Appeal	
1402	330		2402	165		Filing a brief in support of an appeal	
1403	290		2403	145		Request for oral hearing	
1451	1,510		1451	1,510		Petition to institute a public use proceeding	
1452	110		2452	55		Petition to revive – unavoidable	
1453	1,330		2453	665		Petition to revive – unintentional	
1501	1,330		2501	665		Utility issue fee (or reissue)	1330
1502	480		2502	240		Design issue fee	
1503	640		2503	320		Plant issue fee	
1460	130		1460	130		Petitions to the Commissioner	
1807	50		1807	50		Petitions related to provisional applications	
1806	180		1806	180		Submission of Information Disclosure Stmt	
8021	40		8021	40		Recording each patent assignment per property (times number of properties)	
1809	770		2809	385		Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770		2810	385		For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770		2801	385		Request for Continued Examination (RCE)	
1802	900		1802	900		Request for expedited examination of a design application	
Other fee (specify) Ten (10) advance copies of patent-							30

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$1360)

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Patrick M. Boucher	Registration No. (Attorney/Agent)	44,037	Telephone	303-571-4000
Signature	<i>Patrick M. Boucher</i>		Date	April 27, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.